53.3%;

```
8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8
                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 4
US-10-664-775-5-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                유
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                      ) ORGANISM: Cricetulus griseus US-10-664-775-5-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Cricetulus griseus
US-10-664-775-1-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-664-775-1-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOPTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 2715
                                                                                         PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 2267
                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/10664775 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/10664775 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
CURRENT PILING DATE: Danish Application PA 2002 01384
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR PILING DATE: 2002-09-20
                                                                                                                                                                                                                                                                        APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
FILE REPERENCE: 6448.200-US
                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anett
APPLICANT: Faisst, Steffer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application
PRIOR FILING DATE: 2002-09-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
FILE REFERENCE: 6448.200-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Simesen, Ruth B APPLICANT: Pedersen, Anett
                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CTC 1731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GGAATTATTATTATTCATATTTCTTGAATGTGGGTAACATCTTTÄGATTGÄAGTTTTT 1728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TCTACAATGTTTGAAGTTTACTTTCCAGCTTCTGGGCATCATTTGCAATTATAATGCTGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GTGTGTCTGTGTCTGTGTGTGTGTGTGTCTCTCTCCCCTCTTTTGATTTTTGGCCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GCACGTGCTCACACATGCATGCTGTCACTGGGTAAACAGGCCACCCTGGGCACACTTCCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CAC 2154
                                                                                                                                                                                                                                                                                                                                     Pedersen, Anette A
Faisst, Steffen
Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pedersen, Anette A
Falsst, Steffen
Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0;
Score 38.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 39; DB 1;
Pred. No. 0.98;
0; Mismatches 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PA 2002 01384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                90;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 2715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2151
```

Query Match

1.5%;

DB 1;

Length 2267;

```
밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         á
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                               Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Baby hamster kidney cell line US-10-664-775-2-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-664-775-2-COPY/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 5
                                                                                                                                                                                                                                             US-10-664-775-2-COPY
                                                                                                                                                                                                                                                                RESULT 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 3572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity Matches 81; Conserv
                                                                                                                                             Sequence 2, Application US/10664775
GENERAL INFORMATION:
APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anette A
APPLICANT: Faisst, Steffen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Applicat GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
FILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
CURRENT EXILICATION NUMBER: Danish Application PA 2002 01384
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR FILING DATE: 2002-09-20
                                                                       APPLICANT: Pedersen, Anette A
APPLICANT: Faisst, Steffen
APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making
FILE REFERENCE: 6448.200-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Simesen, Ruth B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1132
                                                                                                                                                                                                                                                                                                                      2519
                                                                                                                                                                                                                                                                                                                                                                                                2579
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         273 CATCCCCCTGTCTCCCCTTCTCCCCAGAGACTCCAGTAGCCTGGCGTCATCACAGGGGCCA
                                                                                                                                                                                                                                                                                                                      GAAATCCCAGGGCTGATCTCCTT 2497
                                                                                                                                                                                                                                                                                                                                                                                              CGTCCCTTCTCCTCCTGCCCCAATCCCTCCCAGCATCAGGGTCTTTTCCAGTGAGTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/10664775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GTGGGTAACATCTTTAGATTGAAGTTTTTCTC 1283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTGGGCATCATTTGCAATTATAATGCTGTCAC 2154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GTAMACAGGCCACCCTGGGCACAGTTCCATCTACAATGTTTGAAGTTTACTTTCCAGCTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTCTGTGTCTTGTGTCTTGTGTCTGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GTTACCCAAATCCTGCCCACCAT 415
                                                                                                                                                                                                                                                                                                                                                                                                                                 GACATATCCAACATGTTCCCAGCTTCCTGCCACTTGACTTTCAGTGTGCCTCCTCTTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Jensen, Jan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pedersen, Anette A
Faisst, Steffen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 29.4; DE Pred. No. 2.5; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. 1.3;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 3572;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                     392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2580
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
```

```
APPLICANT: Pedersen, Auette A
APPLICANT: Paisst, Steffen
APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
FILE REPERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
NUMBER: US 60/416,566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Run
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Regult
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OM nucleic -
                                                                                                                                                                                                                                                          RESULT 1
US-10-664-775-3-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Perfect score:
                                                                                                                                            Sequence 3, Application US/10664775
GENERAL INFORMATION:
APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anette A
APPLICANT: Paisst, Steffen
APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                        38.4
29.4
19.8
19.8
19.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                seq length: 0
seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic search, using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-358-918-37
2529
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IDENTITY_NUC Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    March
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     us10664775targ.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  seqs, 12836 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TCTAGACCCCAGTTTCTCTA.....TGGATAGTTTTGCTTCTAGA 2529
                                                                                                                                                                                                                                                                                                                                                                            00000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3, 2005, 15:42:46;
                                                                                                                                                                                                                                                                                                                                                                          2003
2279
2715
2267
2267
3572
3572
2003
2203
2279
2279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB
                                                                                                                                                                                                                                                                                                                                                                                                       US-10-664-775-3-COPY
US-10-664-775-4-COPY
US-10-664-775-1-COPY
US-10-664-775-2-COPY
US-10-664-775-2-COPY
US-10-664-775-3-COPY
US-10-664-775-3-COPY
US-10-664-775-3-COPY
US-10-664-775-3-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ij
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ₩8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                                                                            ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Search time 16 Seconds (without alignments)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (without alignments)
4.058 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10
                                                                                                                                                                                                                                                                                                                                                                                        Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                        Appli
```

```
APPLICANT: Pedersen, Anette A
APPLICANT: Faisst, Steffen
APPLICANT: Jensen, Jan J
APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Pro
FILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-09-20
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
PRIOR FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ঠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LENGTH: 2003
; TYPE: DNA
; ORGANISM: Cricetulus
US-10-664-775-3-COPY
                                                                                                              밁
                                                                                                                                          Ś
                                                                                                                                                                                                                                                                                            ; TYPE: DNA.
; ORGANISM: Cricetulus griseus
US-10-664-775-4-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 2
US-10-664-775-4-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          밁
                       á
                                                       밁
                                                                              Ś
                                                                                                                                                                         밁
                                                                                                                                                                                                   á
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.5%;
Best Local Similarity 50.8%;
Matches 93; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.1 SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 2279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/10664775 GENERAL INFORMATION:
                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1067
                                                        1233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1127 GGAATTATTTATTATTCATATTTTCTTGAATGTGGGTAACATCTTTAGATTGAAGTTTTT 1186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2032 GCACGTGCTCACACATGCATGCTGTCACTGGGTAAACAGGCCACCCTGGGCACAGTTCCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1293
                                                                                                                                             2032
                                                                                                                                                                                                93;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GIGIGICIGIGICIGIGIGIGIGICICICICICCCCCCTCTTTTGATTTTTGGCCT 1126
                                                                                                                                          GCACGTGCTCACACATGCATGCTGTCACTGGGTAAACAGGCCACCCTGGGCACAGTTCCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TCTACAATGTTTGAAGTTTACTTTCCAGCTTCTGGGCATCATTTGCAATTATAATGCTGT
CTC 1295
                           CAC 2154
                                                                         TCTACAATGTTTGGAAGTTTACTTTCCAGCTTCTGGGCATCATTTGCAATTATAATGCTGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTC 1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CAC 2154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GGAATTATTTATTATTCATATTTTCTTGAATGTGGGTAACATCTTTAGATTGAAGTTTTT
                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               griseus
                                                                                                                                                                                                                                                 1.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 39; DB:
Pred. No. 1.3;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
                                                                                                                                                                                                                                   Score 39; DB Pred. No. 1.2; O; Mismatches
                                                                                                                                                                                                                                                               DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1; Length 2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          90;
                                                                                                                                                                                                                                      90;
                                                                                                                                                                                                                                                                                                                                                                                                                                               2002 01384
                                                                                                                                                                                                                                                                Length 2279;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <u>..</u>
                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2031
                                                                                       2151
                                                                                                                                                  2091
                                                                                                                                                                             1172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2091
                                                                                                                    1232
                                                                                                                                                                                                         2031
                                                                                                                                                                                                                                      0
```

```
RESULT 6
US-10-664-775-1-COPY
/ Sequence 1, Application US/10664775
/ GENERAL INFORMATION:
                                                                                                                                                                                                                   윰
                                                                                                                                                                                                                                             ঠ
                                                                                                                                                                                                                                                                                              밁
                                                                                                                                                                                                                                                                                                                          ঠ
                                                                                                                                                                                                                                                                                                                                                             밁
                                                                                                                                                                                                                                                                                                                                                                                                        ঠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                    밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ঠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       몽
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  გ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           र्
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 5
US-10-664-775-4-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    멍
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                श्
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 2279
TYPE: DNA
ORGANISM: Cricetulus griseus
S-10-664-775-4-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/10664775 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
TITLE OP INVENTION: Method for Making Recombinant
PILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anett
APPLICANT: Faisst, Steffer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application
PRIOR FILING DATE: 2002-09-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
les 183; Conserv
                                                                                                                                                                                                                                                                                                                                                                           1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1224 TTTTGGCCTGGAATTATTTATTATTCATATTTTCTTGAATGTGGGTAACATCTTTAGATT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  231 --ATTTTATAATTAAAATATTTATAATTAAATATTTTATAATTAAATGTTTATAATTAC 288
                                                                                                                                                                                                                                                                                                                      TTTATAATTACATATTTATAATTAAAGT------ATTTATAATTACATATT 454
                                                                                                                                  GTGATTTGATTATTGCACTGTGGGGAGTTTCTTTTCCGGTCCAATCTATTTG
                                                                                                                                                                      AAGACGAGGAAAAAATTAAAAAGACGAGGTTATTGATCTCAGGAATTGTATTTG
                                                                                                                                                                                                                                                   TTATAATTAAAGTATTTATAATTACATATTTATAATTCAATATTTTATAAATAGTTAAA 514
                                                                                                                                                                                                                                                                                          CTTACATTTTGAGTTTCTATTGGAAAAGTCAGGTGTAATTCTAATACATCTGCCTTTATA 152:
                                                                                                                                                                                                                                                                                                                                                                       AGTAGTCTGGCCTGACATCTGTAGTCTCTTGGAGTCTGTAGCACATCTGTGCAGGGCCTT 1463
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTTTATCTTAGAATGTCTTTCTTCTCCCAACTATTGTGACAGAAAGTTTTTCTAAGTGC 1403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GTGATTTGATTATGCACTGTGGGGAGTTTCTTTTCCGGTCCAATCTATTTG 1625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAGACGAGGAAAAAATTAAAAAGACGAGGTTATTGATCTCAGGAATTGTATTTG 568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CTTACATTTTGAGTTTCTATTGGAAAAGTCAGGTGTAATTCTAATACATCTGCCTTTATA 1511
                                                                                                                                                                                                               ATATTTTATAATTAAAAGTTTTATAATTACATATTTTATAATTACATATTTTATAAAGTA 408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATATTTTATAATTAAAATGTTTATAATTACATATTTATAATTAAAATGTTTATAATTAC 348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TTATAATTAAAGTATTTATAATTACATATTTTATAATTCAATATTTTATAAATAGTTAAA 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pedersen, Anette A
Faisst, Steffen
Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          44.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 26.0999;
Pred. No. 6.2;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PA 2002 01384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        214; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length
                                                                                                                                    1637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1343
                                                                                                                                                                                                                 1583
```

US-10-664-775-3-COPY/c

Sequence 3, Application US/10664775 GENERAL INFORMATION:

APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anette A
APPLICANT: Faisst, Steffen
APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins

FILE REFERENCE: 6448.200-US US/10/664,775 CURRENT APPLICATION NUMBER: US/10/664,775 CURRENT FILING DATE: 2003-09-17 PRIOR APPLICATION NUMBER: Danish Application PRIOR FILING DATE: 2002-09-20 PRIOR FILING DATE: 2002-10-07 PRIOR FILING DATE: 2002-10-07

PΑ

2002 01384

NUMBER OF SEQ ID NOS: 9 SOFTWARE: PatentIn vers RESULT 7

```
δ
                                                                    В
                                                                                                     S
                                                                                                                                             밁
                                                                                                                                                                              Ś
                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                      Ś
                                                                                                                                                                                                                                                                                              멂
                                                                                                                                                                                                                                                                                                                               S
                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                      á
                                                                                                                                                                                                                                                                                                                                                                                                                                            밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-664-775-1-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 1
LENGTH: 2715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 6448.200-US
CURRENT APPLICATION UMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application
PRIOR FILING DATE: 2002-09-20
PRIOR FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR APPLICATION STANDARD US 60/416,566
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Pedersen, Anette A
APPLICANT: Paisst, Steffen
APPLICANT: Jensen, Jan J
APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Simesen, Ruth B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Cricetulus
                                                                      1960
                                                                                                                                               1900
                                                                                                                                                                                                                        1840
                                                                                                                                                                                                                                                                                              1780
2020 GTGATTTGATTATTATGCACTGTGGGGAGTTTCTTTTCCGGTCCAATCTATTTG
                                                                                                                                                                                                                                                                                                                                                                                                                                            1660 TTTTGGCCTGGAATTATTATTATTCATATTTCTTGAATGTGGGTAACATCTTTAGATT 1719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                172
                                                                                                           455
                                                                                                                                                                                 409
                                                                                                                                                                                                                                                                                                                                 289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     183;
                                                                                                                                                                                                                                                                                                                                                                                            --ATTTTATAATTAAAATATTTATAAATATTTATAATTAAATGTTTATAATTAC
                                                                                                                                                                                                                                                                                                                                                                   AAGACGAGGAAAAATTAAAAAGACGAGGTTATTGATCTCAGGAATTGTATTTG 568
                                                                                                                                             CTTACATTTTGAGTTTCTATTGGAAAAGTCAGGTGTAATTCTAATACATCTGCCTTTATA
                                                                                                                                                                                                                                                        ATATTTTATAATTAAAAGTTTATAATTACATATTTTATAATTACATATTTTATAAAGTA 408
                                                                                                                                                                                                                                                                                             ATTTTATCTTAGAATGTCTTTCTTCTCCAACTATTGTGACAGAAAGTTTTTCTAAGTGC 1839
                                                                                                                                                                                                                                                                                                                             ATATTTTATAATTAAAATGTTTATAATTACATATTTATAATTAAAATGTTTATAATTAC 348
                                                                      TTATAATTAAAGTATTTATAATTACATATTTTATAATTCAATATTTTATAAATAGTTAAA 514
                                                                                                                                                                                 TTTATAATTACATATTTATAATTAAAGT------
                                                                                                                                                                                                                      AGTAGTCTGGCCTGACATCTGTAGTCTCTTGGAGTCTGTAGCACATCTGTGCAGGGCCTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             griseus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .44.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 26.0999;
Pred. No. 5.2;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   214;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2002 01384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length
                                                                                                                                                                                 ATTTATAATTACATATT 454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2715;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                             1959
                                                                                                                                                                                                                      1899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                230
                                                                      2019
                                                                                                                                                                                                                                                                                                                                                                                                        288
```

/ TYPE: DNA
/ ORGANISM: Cricetulus griseus
US-10-664-775-3-COPY

DB 1; Length 2003;

SEQ ID NO 3 LENGTH: 2003

```
8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ફ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Watches 36; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                문
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Cricetulus griseus US-10-664-775-5-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-664-775-5-COPY/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 4.3%; Score 25.8; DI Best Local Similarity 67.9%; Pred. No. 6.4; Matches 36; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 2267
                                                                  SOPTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 2279
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/10664775
                                                                                                                                                                                          APPLICANT: Wellguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
FILE REFERENCE: 6448.201-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR FILING DATE: 2002-09-20
                                                                                                                              PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384 PRIOR PILING DATE: 2002-09-20 PRIOR PILING DATE: US 60/416,566 PRIOR FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Simesen, Ruth B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10-664-775-4-COPY/c
TYPE: DNA
ORGANISM: Cricetulus griseus
10-664-775-4-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Simesen, Ruth B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PPLICANT: Weilguny, Dietmar
ITLE OF INVENTION: Method for Making Recombinant Proteins
ILE REFERENCE: 6448.200-US
URRENT APPLICATION NUMBER: US/10/664,775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1157 ATTCAAGAAAATATGAATAATAAATAATTCCAGGCCAAAAATCAAAAGAGGGG 1105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1251 ATTCAAGAAAATATGAATAATAATTAATTCCAGGCCAAAAATCAAAAGAGGGG 1199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        490 ATTCAATATTTTATAAATAGTTAAAAAGACGAGGAAAAAAATTAAAAAGACGAG 542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     490 ATTCAATATTTTATAAATAGTTAAAAAGACGAGGAAAAAATTAAAAAGACGAG 542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Application US/10664775
                                                                                                                                                                                                                                                                                                                                           Pedersen, Anette A
Paisst, Steffen
Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pedersen, Anette A
Faisst, Steffen
Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2003-09-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 25.8; DI
Pred. No. 7.2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Length 2267;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
```

```
RESULT 10
US-10-664-775-1-COPY/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
Search completed: March
Job time : 5 secs
                                                                         뭉
                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Cricetulus griseus
US-10-664-775-1-COPY
                                                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 2715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local S
                                                                                                                                                                             Query Match
                                                                                                                                            Matches
                                                                                                                                                              Best Local Similarity
                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                    CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Simesen, Ruth B
                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT: Weilguny, Dietmar
ITLE OF INVENTION: Method for Making Recombinant Proteins
                                                                         1699
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1263 ATTCAAGAAAATATGAATAATAATAATTCCAGGCCAAAAATCAAAAGAGGGG 1211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   e 1, Application US/10664775 INFORMATION:
                                                                                                         490 ATTCAATATTTTATAAATAGTTAAAAAGACGAGGAAAAAATTAAAAAGACGAG 542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                490 ATTCAATATTTATAAATAGTTAAAAAGACGAGGAAAAAATTAAAAAGACGAG
                                                                                                                                            36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.3%;
Similarity 67.9%;
36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pedersen, Anette
Faisst, Steffen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jensen, Jan J
                                                                                                                                            Conservative
                                                                                                                                                            4.3%;
                  3, 2005, 15:41:38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Anette A
                                                                                                                                          Score 25.8; DB Pred. No. 5.3; 0; Mismatches
                                                                                                                                            0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 25.8; DB 1; Length 2279;
Pred. No. 6.4;
0; Mismatches 17; Indels 0
                                                                                                                                                                               DB 1;
                                                                                                                                            17;
                                                                                                                                                                             Length 2715;
                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                            0
                                                                         1647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   542
                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                               0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
```

```
RESULT 1
US-10-664-775-2-COPY/c
US-10-664-775-2-COPY/c
; Sequence 2, Application US/10664775
; GENERAL INFORMATION:
; APPLICANT: Simesen, Ruth B
; APPLICANT: Pedersen, Anette A
; APPLICANT: Paisst, Steffen
; APPLICANT: Jensen, Jan J
; APPLICANT: Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Rus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OM nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Regult
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen
                                                                                                                                                                                                                                                                                                                                                                   0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ĕ
             APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Proteins
FILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002 01384
PRIOR PILING DATE: 2002-09-20
PRIOR PILING DATE: 2002-01-07
PRIOR FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             56.1001
                                                                                                                                                                                                                                                                                                                                                                  26.0999
25.8
25.8
25.8
25.8
25.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                               26.0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         seq length: 0
seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            No. is the number of results predicted by chance to have a greater than or equal to the score of the result being printed, derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nucleic search, using sw
SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IDENTITY_NUC Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-358-918-36
605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    March
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5 seqs, 12836 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 AAAAAGATGAGGTAATTGTG......
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             us10664775targ.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    u
`
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length
                                                                                                                                                                                                                                                                                                                                                                       3572
3572
2003
2267
2279
2715
2003
2267
2279
2279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2005, 15:41:33 ; Search time 4 Seconds (without alignments)
3.883 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   B
                                                                                                                                                                                                                                                                                                                                                                                    US-10-664-775-2-COPY
US-10-664-775-3-COPY
US-10-664-775-3-COPY
US-10-664-775-4-COPY
US-10-664-775-1-COPY
US-10-664-775-1-COPY
US-10-664-775-3-COPY
US-10-664-775-3-COPY
US-10-664-775-3-COPY
US-10-664-775-4-COPY
                                                                                                                                                                                                                                                                                                                                                                        US-10-664-775-1-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                                                                                                                        ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          . AATATTCACAAAGGCTTGTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Description
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                          Appli
```

```
; TYPE: DNA
; ORGANISM: Baby hamster kidney cell line
US-10-664-775-2-COPY
        APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant Pro
TITLE OF INVENTION: Method for Making Recombinant Pro
TITLE OF INVENTION: Method for Making Recombinant Pro
TITLE OF INVENTION WEILING LOTE: 0.00-09-17
CURRENT FILLING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002
PRIOR FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR PILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   멼
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             á
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   문
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    吊
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    밁
                                                                                                                                                                                                                                                                                                                                                                                                     Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                      닭
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     뭐
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8
                                                                                                                                                                                                                                                                                                        RESULT 2
US-10-664-775-2-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 246; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn version
                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anett
APPLICANT: Faisst, Steffen
                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH: 3572
LENGTH: 3572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3385 ATTCATAAATCATAAACTTCAATAAATGCCAAGTACAAAGCATACTCATGAACCATTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3505 AAATAAGACTTAATTCATGTTTAATAGCAGCAAATACTTTTTAAAGGCCAATTTATAATTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3265
                                                                                                                                                                                                                                                                                                                                                                                                                                        3025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3205
                                                                                                                                                                                                                                                                                                                                                                          2965 ATACAAG 2959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        476
                                                                                                                                                                                                                                                                                                                                                                                                        536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TAATGAATTTAAAGAGCTAATTTACAAAAAATAAAGATAAATGAGTTACGTAGCCAATTC 3146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATAATTAAAATGTTTATAATTAÇATATTTATAATTACATATTTTATAAAGTATTTATAA 415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAATGTTTATAATTACATATTTTATAATATTAAAATGTTTA-----TAATTACATATTTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAAAAAAAAAAAAAAAAAAACTTTTATTAAAGCCATAGAACTGAAGCTGTTATCAAAGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAAATATCCTAAATTATTGCTCAAAGCATTGTCAAAACTTCACAAAGAATGACATTCTTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAAACTTGAGAAAAGATAGGACCAAATAAAATCAAAAGAAGTAGCCTGAAAGAACTGGTAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   АДАТАТТТАТААТТАААТАТТТТАТААТТААА ТЕТТАТААТТАСАТАТТТТАТААТТА
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ТТАСАТАТТТАТААТТАААСТАТТТАТААТТАСАТАТТТАТААТТАААСТАТТТАТАА 475
                                                                                                                                                                                                            Faisst, Steffen
Jensen, Jan J
                                                                                                                                                                                                                                                                                          Application US/10664775
                                                                                                                                                                                                                                                                                                                                                                                                                                        TTAGAAAAATCAATAAAAATAAGTGCAATTAAAGTAAAATAGAATAAGTAAATATTAGAA 2966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ттасататттатааттсаататтттатааатасттааааадасдасдаадаааттаааа 535
                                                                                                                                                                                                                                                                                                                                                                                                          AGACGAG 542
                                                                                                                                                                                                                                            Pedersen, Anette A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 9.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 56.1001;
Pred. No. 0.22;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      294; Indels
                                                                                                                   PA 2002 01384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1; Length 3572;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              302
```

```
APPLICANT: Pedersen, Anette A
APPLICANT: Pedersen, Anette A
APPLICANT: Jensen, Jan Jensen
APPLICANT: Weilguny, Dietmar
ITILS OF INVENTION: Method for Making Recombinant Pro
FILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 2002
PRIOR FILING DATE: 2002-09-20
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
ITENCTH- 2001
          밁
                                   ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-664-775-3-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ś
                                                                                                                                       US-10-664-775-3-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
, ORGANISM: Baby hamster kidney cell
US-10-664-775-2-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8
                                                                Query Match
Best Local Similarity 44.2
Matches 183; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/10664775
GENERAL INFORMATION:
APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anette A
APPLICANT: Paisst, Steffen
APPLICANT: Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
                                                                                                                                               LENGTH: 2003
TYPE: DNA
ORGANISM: Cricetulus griseus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
mes 217, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3246 TITTTTTTTTTTTTTTTAAAGAATGTCATTCTTTGTGAAGTTTTGACAATG 3290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2952 TCAATGACTIGTATTTCTAATATTTACTTATTCTATTTTACTTTAATTGCACTTATTTTT 3011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2892
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2832
                                       172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      344 ATTACATATTTTATAATATTATAATTACATATTTTATACATATTTTATACATATTTTATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            404 AAGTATTTATAATTACATATTTATAATTAAAGTATTTATAATTACATATTTTATAATTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            284 ATTACATATTTATAATTAAAATGTTTATAAATTACATATTTTATAAATTAAAATGTTTATA 343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   44
                    TTTTGGCCTGGAATTATTATTATTCATATTTTCTTGAATGTGGGTAACATCTTTAGATT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TTAGCTCTTAAATTCATTATTCTTTGATAACAGCTTCAGTTCTATGGCTTTAATAAAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAGTATTTATAATTACATATTTTATAATTCAATATTTTATAAATAGTTAAAAAG 517
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CCTATCTTTTCTCAAGTTTTGAATTGGCTACGTAACTCATTTATCTTTATTTTTTTGTAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TTCTCTTTAGTGTTTTACCAGTTCTTTCAGGCTACTTCTTTTG-----ATTTATTTGGT 3125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTGATTTTTCTAATAAAATCCAGTCCTTGTTTTTTTAAAAAGACTTTAAAAATTATTAAT 3071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AATTGATTTTTATCTTTGATTTTTCTCTACTTATTTAATTTTGGGATTTTAACTATTTCT 2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AGTAATTTCATATGTATTCAAAATTATTTCATAATGTTGGTTAAGATAATAAGATTTTCA 2891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  45.8%;
                                                                4.3%; Score 26.0999;
44.2%; Pred. No. 7.1;
ltive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 53.4001;
Pred. No. 0.29;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  line
                                                                  214; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               251; Indels
                                                                                               DB 1; Length 2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1; Length
                                                                                                                                                                                                                                                                                                  2002 01384
                                                                                                                                                                                                                                                                                                                                                                   Proteins
                                                                17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6
                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
   1177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                403
```

```
S
                                                         밁
                                                                                       Ś
                                                                                                                             밁
                                                                                                                                                             Ś
                                                                                                                                                                                               밁
                                                                                                                                                                                                                           Ś
                                                                                                                                                                                                                                                                 밁
                                                                                                                                                                                                                                                                                                                                                                                                     ; LENGTH: 2267
; TYPE: DNA
; ORGANIZM: Cricetulus griseus
US-10-664-775-5-COPY
                                                                                                                                                                                                                                                                                               S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 4
US-10-664-775-5-COPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             멂
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            문
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5
                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 183; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1 SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5, Application US/10664775 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Weilguny, Dietmar
TITLE OF INVENTION: Method for Making Recombinant
FILE REFERENCE: 6448.200-US
CURRENT APPLICATION NUMBER: US/10/664,775
CURRENT FILING DATE: 2003-09-17
PRIOR APPLICATION NUMBER: Danish Application PA 20
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR APPLICATION NUMBER: US 60/416,566
PRIOR FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Simesen, Ruth B
APPLICANT: Pedersen, Anotte A
APPLICANT: Faisst, Steffen
APPLICANT: Jensen, Jan J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                        1212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1358
                                                                                         349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1478 GTGATTTGATTATTATGCACTGTGGGGAGTTTCTTTTCCGGTCCAATCTATTTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 409 TTTATAATTACATATTTATAATTAAAGT------ATTTATAATTACATATT 454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 515 AAGACGAGGAAAAATTAAAAAGACGAGGTTATTGATCTCAGGAATTGTATTTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATATTTATAATTAAAATGTTTATAATTACATATTTATAATTAAATGTTTATAATTAC 348
                                                                                                                                                                                                                          AGTAGTCTGGCCTGACATCTGTAGTCTCTTGGAGTCTGTAGCACATCTGTGCAGGGCCTT 1451
                                                                                  ATATTTATAATTAAAATGTTTATAATTACATATTTTATAATTACATATTTTATAAAGTA 408
                                                                                                                                                                                                                                                            TTTTGGCCTGGAATTATTTATTATTCATATTTTCTTGAATGTGGGTAACATCTTTAGATT
                                                                                                                      ATTTTATCTTAGAATGTCTTTCTTCTCCAACTATTGTGACAGAAAGTTTTTCTAAGTGC 1391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TTATAATTAAAGTATTTATAATTACATATTTTATAATTCAATATTTTATAAATAGTTAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CTTACATTTTGAGTTTCTATTGGAAAAGTCAGGTGTAATTCTAATACATCTGCCTTTATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TTTATAATTACATATTTATAATTAAAGT-----ATTTATAATTACATATT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AGTAGTCTGGCCTGACATCTGTAGTCTCTTGGAGTCTGTAGCACATCTGTGCAGGGCCTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATATTTTATAATTAAAATGTTTATAATTACATATTTTATAATTACATATTTTATAAAGTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTTTATCTTAGAATGTCTTTCTTCTCCAACTATTGTGACAGAAAGTTTTTCTAAGTGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 АТАГТТТАТААТТАААТСТТТАТААТТАСАТАТТТАТААТТАААТТАААТСТТАТААТТАС 348
                                                                                                                                                                                                                                                                                                                                4.3%;
ilarity 44.2%;
Conservative
                                                                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                                                Score 26.0999;
Pred. No. 6.3;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                 214;
                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2002 01384
                                                                                                                                                                                                                                                                                                                                                                  Length
                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      568
                                                                                                                                                                                         1331
                                                                                                                                                                                                                           288
                                                                                                                                                                                                                                                            1271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1297
```